



# DELTA CONNETOR SPECIFICATION

**SCOPE :** This specification details the requirements for a multipurpose pin connector having .0545" (1,384 mm)x .112" (2,84 mm) contact spacing transition between round conductor flat cable on .050" (1,27 mm ) centers and a socket connector having similar spacing

**UL FILE NO. :** E 68080  
**CSA FILE NO.:** LR 40971

## SPECIFICATIONS:

### PHYSICAL

INSULATOR MATERIAL	Glass reinforced polyester Flammability rating:UL 94V-0
COLOR	Grey
MARKING	Raised figures; 3M logo; part identification/date code number;contact position number
SHELL MATERIAL	Steel
PLATING	Tin
CONTACT MATERIAL	Copper alloy
PLATING	Selective gold in functionel area over nickel
WIRE ACCOMMODATION	26 AWG solid or stranded 28 AWG solid or stranded
THREADED INSERT PUSH OUT FORCE	50 N min

### ELECTRICAL

CURRENT RATING	1A
INSULATING RESISTANCE	$>1 \times 10^9 \Omega$ @ 500 vdc
WITHSTANDING VOLTAGE	1000 VRMS @ Sea Level

### ENVIRONMENTAL

TEMPERATURE RATING	-67 °F to +221 °F (-55 °C to +105 °C)
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